APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

S-176/60

(NY-4836)

The Mechanism of the Transmission of the Reaction in Gaseous Detonation in Tubes, by M. A. Rivin, 10 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXVII, No 5, 1949, pp 875-878.

JPRS 5746

Sci - Chem
Oct 60

128,453

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

KOZHEMPEL'D, I. L.
AKIMOV, G. V.

Doklady Akademii Nauk SSSR, vol. 67, 1949,
No. 5, pp. 879-882; 2 figures, 1200 words.

Mechanism of Protection of Iron from Corrosion
in Water by Means of Chromates.

Brutcher Trans, Order No. 2437, $ 2.30.

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

The Reserves of Needles in Pine Trees in Timberstands of Different Ages, by A. A. Molchanov, 6 pp.

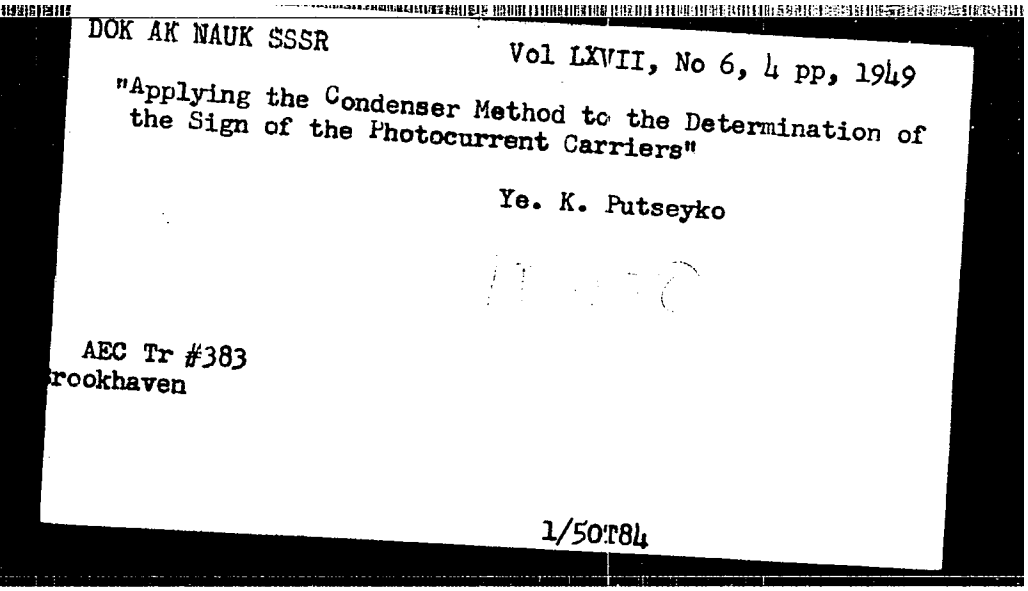
RUSSIAN, thrice-mo per. Dok Ak Nauk SSSR, Vol LXVII, No 5, 1949, pp 909-912.

Sci Tr Center RT-7687

Scientific - Biology 10,667

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7



DOK AK NAUK SSSR Vol LXVII, No 6, 4 pp, 1949

"Applying the Condenser Method to the Determination of the Sign of the Photocurrent Carriers"

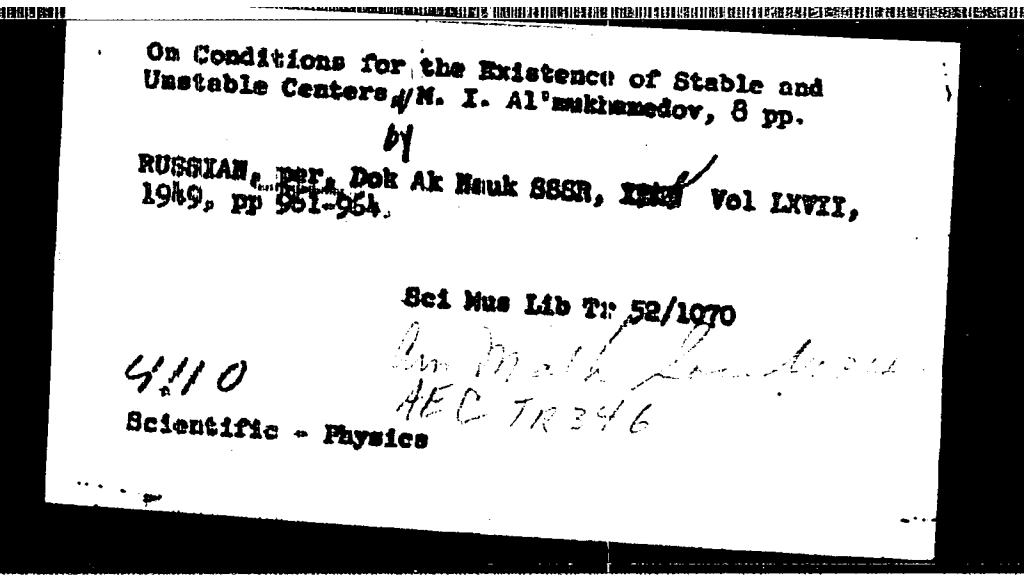
Ye. K. Putseyko

AEC Tr #383
Brookhaven

1/50T84

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7



On Conditions for the Existence of Stable and Unstable Centers, M. I. Al'mukhamedov, 8 pp.

by

RUSSIAN, per. Dok Ak Nauk SSSR, Vol LXVII, 1949, pp 951-954.

Sci Mus Lib T: 52/1070

4110

AEC TR 346

Scientific - Physics

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

(FDD 27152)

Diffraction of a Spherical Electromagnetic Wave From a Paraboloid of Revolution of Finite Dimensions When the Exciting Field of the Dipole Is Perpendicular to the Axis of Symmetry of the Paraboloid, by R. G. Mirimanov, 3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXVII, No 6, Moscow, 1949, pp 1021-1023.

S.L.A. R-219

CIA/FDD/U-7939

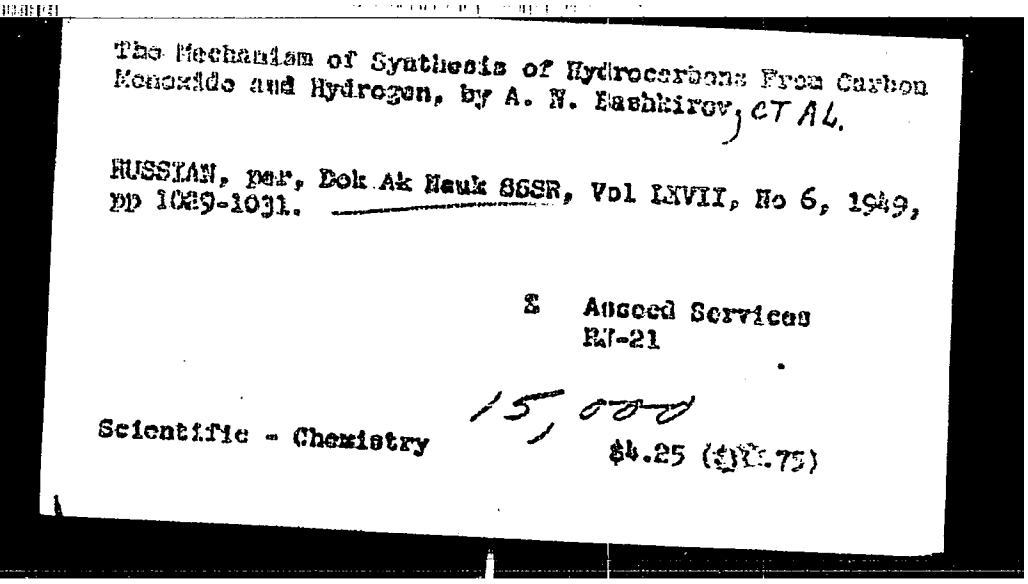
32,580

USSR

Sci - Electronics; Physics

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7



The Mechanism of Synthesis of Hydrocarbons From Carbon Monoxide and Hydrogen, by A. N. Bashkirov, et al.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXVII, No 6, 1949, pp 1089-1091.

S Aeeed Services
RI-21

Scientific - Chemistry

15,000

$4.25 ($3.75)

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

Theory of the Heat Resistance of Solid Solutions of Metals, by I. I. Kornilov, 3 pp,

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXVII, No 6, 1949, pp 1037-1040.

23,553 Sci Mu Lib Tr No 55/0379

Scientific - Metallurgy, Chemistry
May 55 CIS

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

Polymorphism and Catalytic Properties of Titanium Dioxide, by A. M. Rubinshtein and S. Gh. Kulikov
UNCLASSIFIED

RUSSIAN, per, Dok Ak Nauk SSSR, 1949, Vol 67, No 6, pp 1053-1056.

Dupl Dist TN 7 E57 No 411
XXX Sci Mus Lib No 52/2729

Scientific - Chemistry

25 October 1952

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

Silicon Losses in the Production of Ferrosilicon, by P. V. Gel'd, O. A. Esin, N. N. Buinov, R. M. Lerinman.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXVII, No 6, 1949, pp 1073-1076.

Brutcher Tr No 2703

Scientific - Min/Metals

$2.90

16,738

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

Rodina, A.G.

Role of bacteria in the feeding of the tendipedid (Rol' bakterii v pitanii lichinok tendipedid)

1949

Doklady Akademii nauk SSSR, 67(6): 1121-1123. In Russian.

Transl. by Transl. Bur., Fgn. Lang. Div., Dept. of Sec. of State of Canada, for FRBC Freshwater Institute, Winnipeg, Manitoba, 1971, as Transl. Series No. 1884, 6p., typescript.

Avail. on loan - NMFS, Wash., D.C.

Original Article Checked: AAF

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

DOK AK NAUK SSSR Vol LXVIII, No 1, 2 pp, 1949

"Negative Ions of Rubidium and Cesium"

V. M. Dukel'skiy
E. Ya. Zandbert
N. I. Ionov

AEC Trans. #340
(January listing)

2/50T103

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

DOK AK NAUK SSSR Vol LXVIII, No 1, 4 pp, 1949

"The Theory of Coercive Force of Soft Steels"

Ye. Kondorskiy

AEC/BNL/tr-121

AT 4237

2/50T104

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

(FDD 25119)

An Optical Method of Measuring the Velocity of Ultrasonic Waves, by V. Tsvetkov, V. Marinin, 7 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXVIII, No 1, Moscow, 1 Sep 1949, pp 49-52.

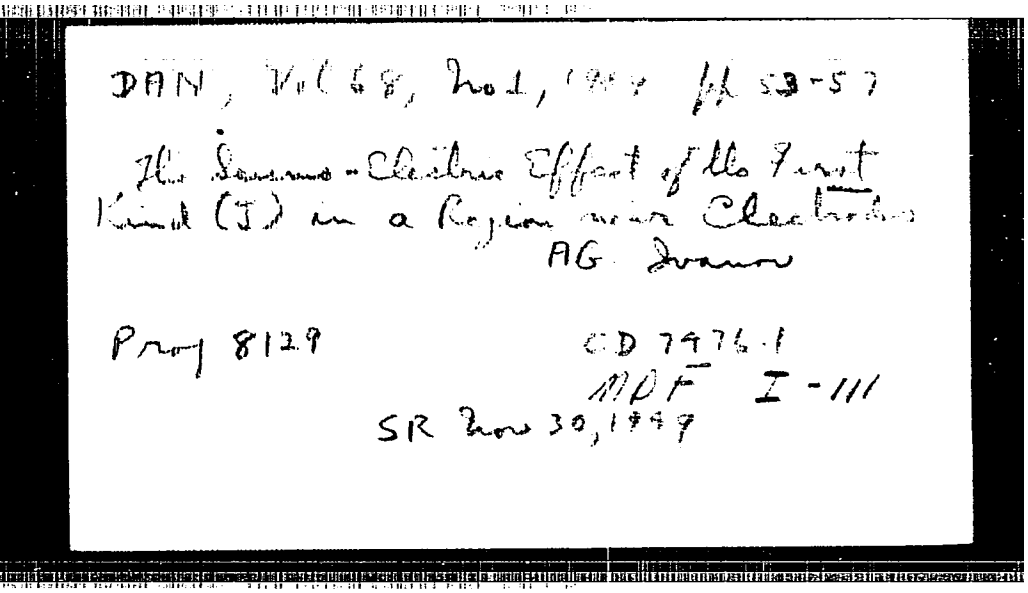
CIA/FDD/U-7276

28,444

USSR
Sci - Physics
[CIS 72/Sep 55]

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7



DAN, Vol 68, No 1, 19[illegible] pp 53-57

The Summa-Christus Effect of the First Kind (I) in a Region near Cleavage

AG Ivanov

Proj 8129

CD 7976-1

MDF I-111

SR Nov 30, 1949

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

Contribution to Knowledge of the Litter Fauna in Beavers' Nests, by I. I. Barabash-Nikiforov, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXVIII, No 1, 1949, pp 161-164.

Sci Hus Lib No 54/1112

Scientific - Biology

Jun 54 CIS

15,106

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

"Doklady Akademii Nauk SSSR", Novaya Seriya, Vol LXVIII, No 1, 1 Sep 1949, pp 181-4

Type Differences of Winter Grains in Vernalization at Sub- Freezing Temperatures", N. D. Feofanova

Proj 6095
CD NO ST-136
PA 2/50T18
Pomeroy Blumenthal

2/50T18

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

I. Electronographic Investigation of the Structure of Montmorillonite. II. Electronagraphic Determination of the Unit Cells of Pyrophyllite and Talcum, and the Structural Relationship Between These Minerals and Montmorillonite, by B. B. Zyargin, Z. G. Pinsker, 7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 68, No 1, 1949 pp 67-67, 505-508

Sci Museum Lib No 51/2341

BRS LibComm No 458

Scientific - Chemistry

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

DOK AK NAUK SSSR Vol. LXVIII, No 2, 4 pp
1949

"Electrocapillary Effect of Decreasing the Hardness of Metals"

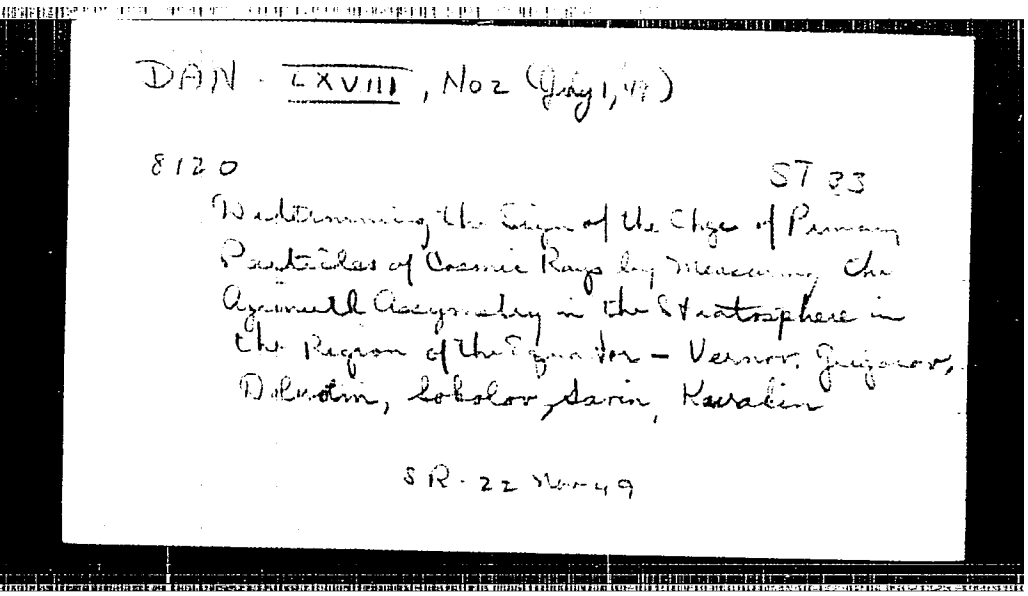
Ye. K. Venstrem

AEC Translation 151

3/50T71

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7



DAN · LXVIII, No 2 (May 1, 49)

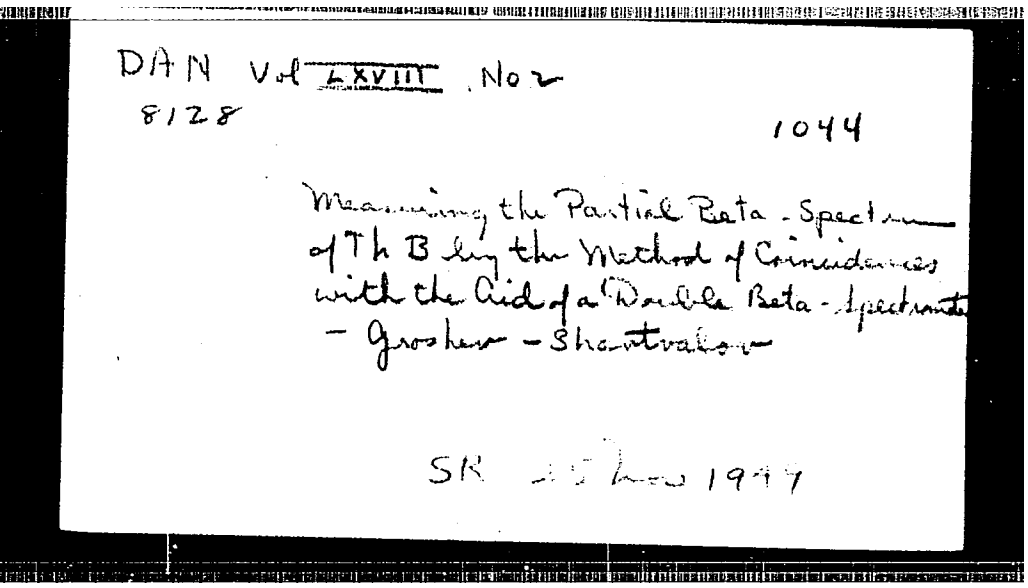
8120 ST 33

Determining the Sign of the Charge of Primary Particles of Cosmic Rays by Measuring the Azimuthal Asymmetry in the Stratosphere in the Region of the Equator – Vernov, Grigorov, Dmitriev, Sobolevskiy, Savin, Kuzmin

SR · 22 Nov 49

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7



DAN Vol LXVIII No 2

8128

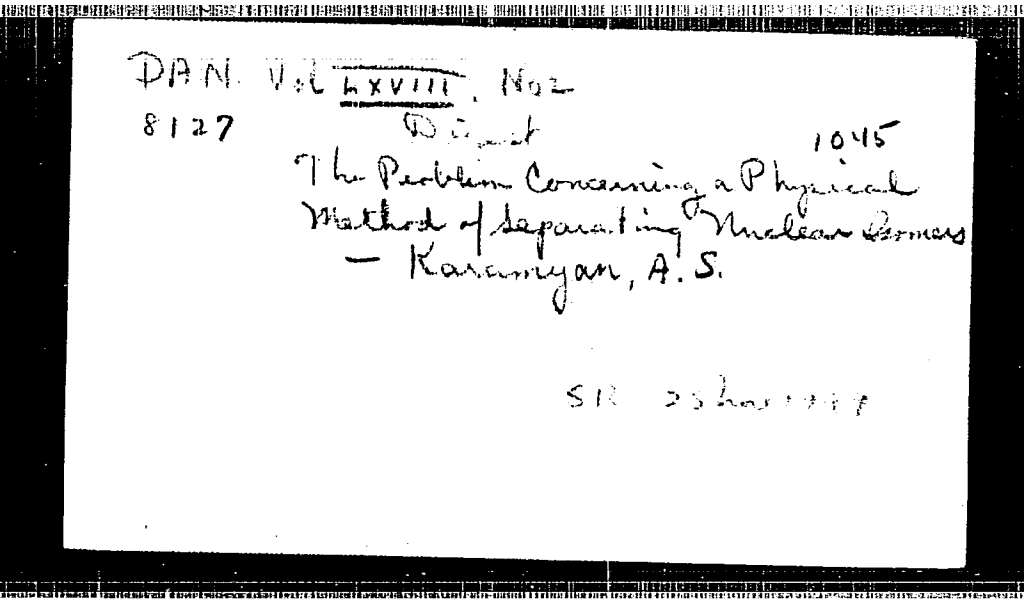
1044

Measuring the Partial Beta-Spectrum of Th B by the Method of Coincidences with the Aid of a Double Beta-Spectrometer - Groshev - Shantvalov

SR 17 Nov 1949

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7



DAN V:L LXVIII, No 2
8127 Dimit 1045
"The Problem Concerning a Physical
Method of Separating Nuclear Isomers
— Karamyan, A. S.

SR 25 Jan 1949

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

Temperature Effect on the External Photoeffect in Semiconductors, by A. N. Arsen'eva-Geil'.

Full translation.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXVIII, No 2, 1949, pp 245-247.

AEC Tr 1388

Russian, Khrist.-mus. pam.,

USSR
Scientific - Physics, Photoeffect, Semiconductors

Oct 52 CTS/DEX

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

Variation Of the Spectral Sensitivity Of the Eye At High Brightness Values by S.G. Turov.

RUSSIAN, per, Akademiya Nauk S.S.S.R. Doklady, Vol LXVII, No 2, 1949, pp 271-273.

CSIRO

Oct. 62

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

Effect of Eye Defects Upon the Clearness of the Field of Vision, by V. K. Arkad'ev, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXVIII, No 2, 1949, pp 289-291.

CIA/FDD/X-1344

Scientific - Medicine
CTS/DEK

14,390

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

Efficiency of Parallel Operation of Thermal-Electric Stations of the Same Type, by V. Ya. Khasilev, 8 pp.

RUSSIAN, thrice-mo per. Dok Ak Nauk SSSR, Vol LXVIII, No 2, 1949, pp 297-300.

Sci Mus Lib Tr No 53/2280

DSIR LLU (loan) M.262

USSR
Scientific - Electricity

address:
DSIR Lending Lib Unit
20 Chester Terrace
Feb 54 CTS 9614 London N.W.1

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

The Condition of Inclusions in the Lattice of Smok
Quartz, by L. G. Chentsova, N. E. Vedeneyeva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXVIII, No 2,
1949, pp 305-308.

Navy Tr 1286/NRL 547
SLA 61-10268
Sci - Minerals/Metals 31,892

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

New Principle of Evaluation of the Effectiveness of Lubricating Materials in the Working of Metals Under Pressure, by S. Ya. Veiler, L. A. Shreiner, 5 pp. RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXVIII, 1949, pp 325-328.
CIA/FDD X-5937

Sci - Materials
Sept 66
FOR OFFICIAL USE ONLY

305,654

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

Venstrem, E.K. and Rebinder, P.A.
ABAISSEMENT ELECTROCAPILLAIRE DE LA DURETE DES METAUX (Elektrokapillyarnyi Effekt Ponizheniya Tverdosti Metallov) (The Electrocapillary Effect of the Lowering of the Hardness of Metals). 12p. (foreign text included). 8refs. FR-3481
Order from OTS, ETC or CNRS $0.80 TT-62-28580

Trans. in French of Akademiya Nauk SSSR, Doklady, 1949, v.68, no.2, p.329-332.

DESCRIPTORS: *Metals, *Hardness, Electrolytes, Electric potential, *Polarization, Electrical double layer.

(Metallurgy--Structural, TT, v. 11, no. 7)

TT-62-28580

I. Venstrem, E.K.
II. Rebinder, P.A.
III. FR-3481
IV. Centre National de la Recherche Scientifique, Paris

Office of Technical Services
European Translations Centre

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

(FDD 25040)

Action of Ultrasonic Oscillations on High Molecular Compounds (USSR), by I. I. Zhukov, M. A. Khenokh, 7 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXVIII, No 2, Moscow, 11 Sep 1949, pp 333-335.

CIA/FDD/U-7287

28,534

USSR
Sci - Medicine

CIS 72/Sep 55

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

PLASKIN, I.N.
DUBROVSKAYA, E.N.

DOK AK NAUK SSSR, vol 68, 1949, No 2, pp 361-3

Influence of Gases upon the Flotation of Phosphorite Ores

Brutcher Trans 2487, $2.75

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

(FDD 27554)

Pharmacological Properties of the Venom of Sand Viper (Echis Carinatus), by F. F. Talyzin, T. P. Chizhova, A. A. Pchelkina, 7 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXVIII, No 2, Moscow/Leningrad, 11 Sep 1949, pp 421-424.

CIA/FDD U-8431

Sci - Medicine, pharmacology

36865

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

Determining the Absolute Coefficient of Ionization at the Surface of Heated Tungsten, by Arifov, Ayukhanov, and Lovtsov (FDD PA 149T91). UNCLASSIFIED

RUSSIAN, per, Dok Ak Nauk, Vol LXVIII, No 3, 1949.

Navy Tr 106/NRL 276

Scientific - Physics

12,841

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

Reversible Changes of pH in Solutions of Certain Organic Substances During Exposure, by A. P Terent'yev.

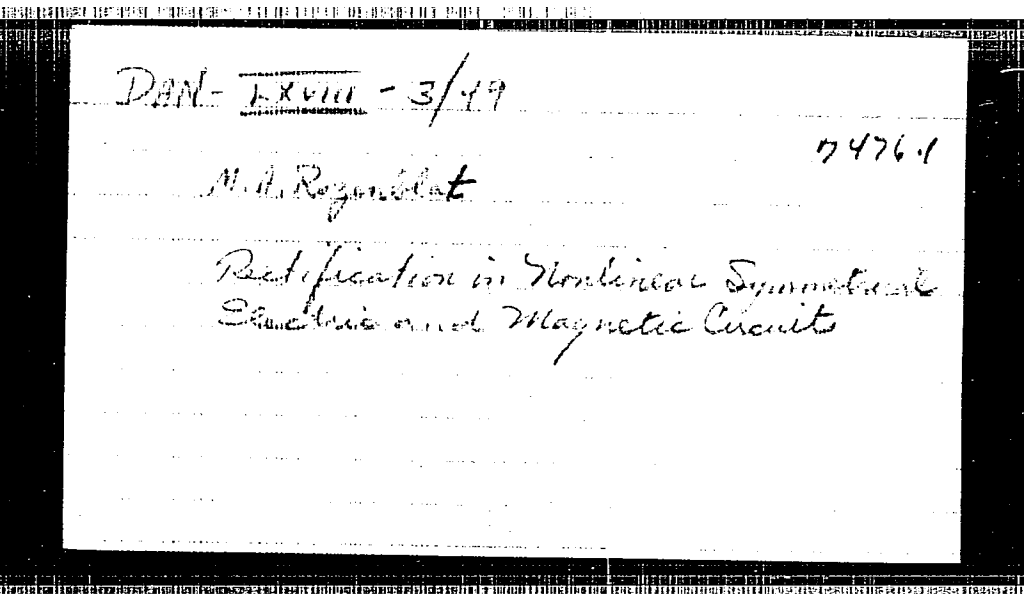
RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXVIII, 1949, pp 537-8.

*AEC- UCRL - Tr - 996 (L)

Sci - Chem
Sep 63

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7



DAN - LXVIII - 3/49

7476.1

M. A. Rogoblat

Rectification in Nonlinear Symmetrical Electrical and Magnetic Circuits

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

DOK AK NAUK SSSR Vol LXVIII, No 3, 3 pp, 1949

"Determining the Absolute Coefficient of Ionization on the Surface of Heated Wolfram"

U. Arifov,
A. Kh. Ayukhanov
V. M. Lovtsov

Navy Tr 106/NRL 276
AEC Tr 276
Avail Brook Nat'l Lab

PT684

149T91

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

On the Thermal Glow of Phosphors, by V. V. Antonov-Romanovski (FDD Pa 149T93).

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXVIII, No 3, 1949.

Navy Tr 55/NRL 259

Scientific - Physics 12,794

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

Law of Static Friction, by S. B. Ratner, 6 pp.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol LXXXIII, No 3, 1952, pp 443-446.

CIA/FDD XX-651
NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Physics
Sep 59

USIB INTERNAL USE ONLY

ORDER FROM LC OR SLA 59-15157

98,054

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

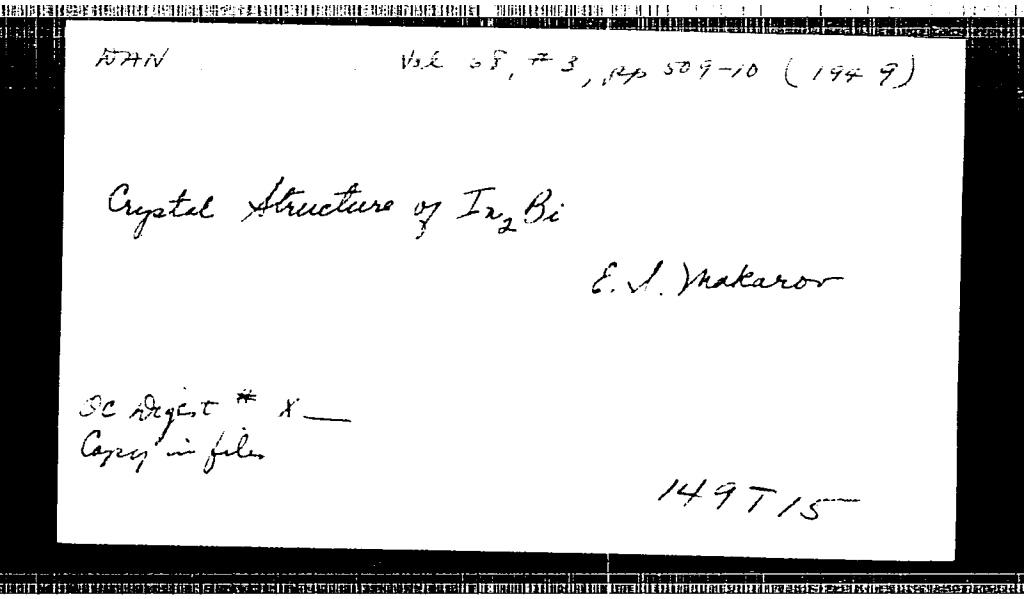
APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

BERSTEIN, I.
R-1630. On the fluctuations of a vacuum tube

oscillator. Doklady Akad. Nauk, SSSR, 68, no.3, p.469-472, 1949. (8p.)

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7



RAN Vol 68, #3, pp 509-10 (1949)

Crystal Structure of Ir_2Bi

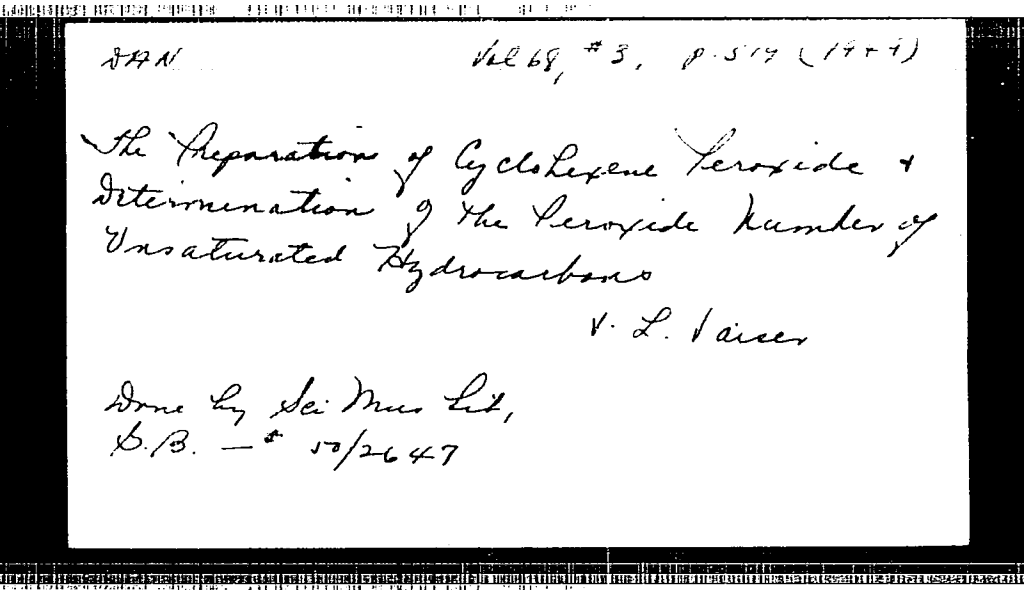
E. I. Makarov

Subject # X
Copy in file

1497/5

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7



JACS Vol 69, #3, p. 519 (1947)

The Preparation of Cyclohexene Peroxide & Determination of the Peroxide Number of Unsaturated Hydrocarbons

V. L. Vaicer

Done by Sci Mus Lit,
B.B. — # 10/2647

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

KORNILOV, I. I.
[illegible], V. S.

Doklady Akademii Nauk SSSR, vol. 68, 1949, No. 3, pp. 527-530; 2 figures, 1 table, 1950 words.

Study of Transformation of Alpha Solid Solution in Iron-Chromium System by Transformation-Rate Method.

Brutcher Trans, Order No. 2421, $3.40.

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

Reversible Changes of pH Solution of Certain Organic Substances during Exposure, by A. P. Terent'ev, 6 pp.
RUSSIAN, per, Dokl. Akad. Nauk SSSR, Vol LXVIII, 1949, pp 537-539. 9219347

AEC-UCRL-Tr-996(L)

Sci - Chem
Feb 64

250, 575

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

ZAMYATIN M.M.

Doklady Akademii Nauk SSSR, Vol. 68, 1949, No. 3, pp. 545-548; 4 figures, 1400 words.

Rates of Processes in Case Hardening and Metallic Impregnation of Steel.

Brutcher Trans, Order No. 2501, $2.45

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

Rate of Reduction of Manganese Oxides by Hydrogen and by Carbon Monoxide, by E. P. Tatyevskaya, V. K. Antonov, G. M. Chufarov, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXVIII, 1949, pp 561-564,

AEC NP 133

Sci - Chem

Oct 58

74,607

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

Investigations of the Heat Conductivity of Some Organic Compounds in the Critical Region, by A. K. Abas-Zade, 8 pp.

RUSSIAN, Dok Ak Nauk SSSR, Vol 68, No 4, 1949 pp 665-668

Sci Museum No 51/2943

Scientific - DEX

Ltr AEC Tr

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

MITT, B. YU.
FRTIK, R. I.

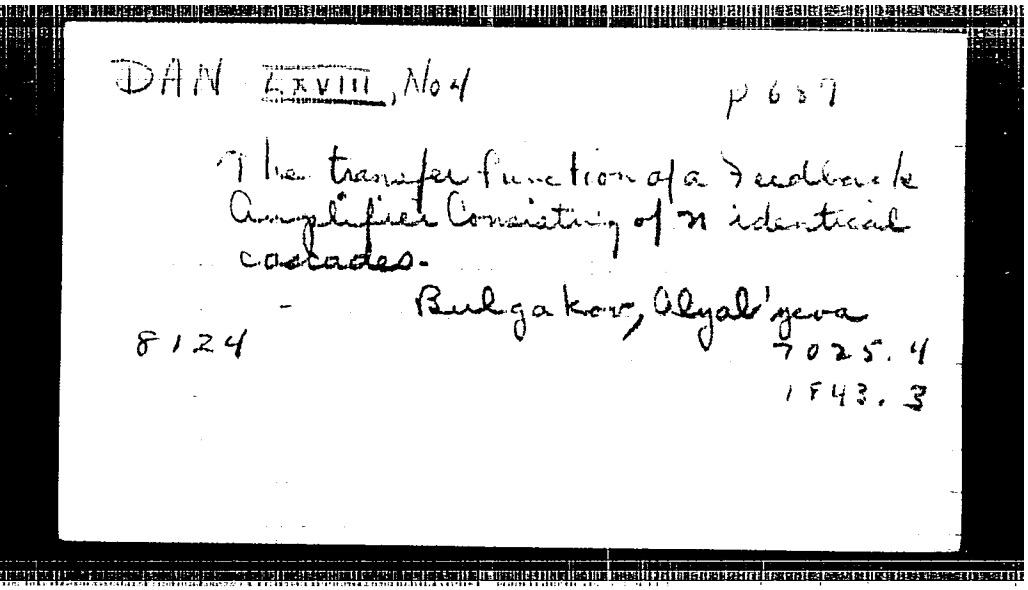
Doklady Akademii Nauk Ssse, vol. 68, 1949, pp. 681-684; 2 figures, 1 table, 2100 words.

On the Causes Underlying the Effect of Molybdenum on the Kinetics of Isothermal Austenite Decomposition.

Brutcher Trans, Order No. 2441, $3.90

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7



DAN XXVIII, No 4 p 657

The transfer function of a feedback Amplifier Consisting of n identical cascades.

Bulgakov, Alyab'yeva

8124

7025.4
1F43.3

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

The Question of Spontaneous Formation of Nuclei of a New Phase, by O. S. Ivanov.

RUSSIAN, per, Doklady Akad Nauk SSSR, Vol LXVIII, No 4, 1949, pp 729-732.

Assoc Tech Sv TR
$6.75

Sci - Physics
Aug 57

51,535 RJ-777

TT-64-18406

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

The Problems of the Anomalous Distribution of Densities in the Chromosphere, by I. S. Shklovskiy, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXVIII, No 5, 1949, pp 829-831.

ATIC MCL-80/III

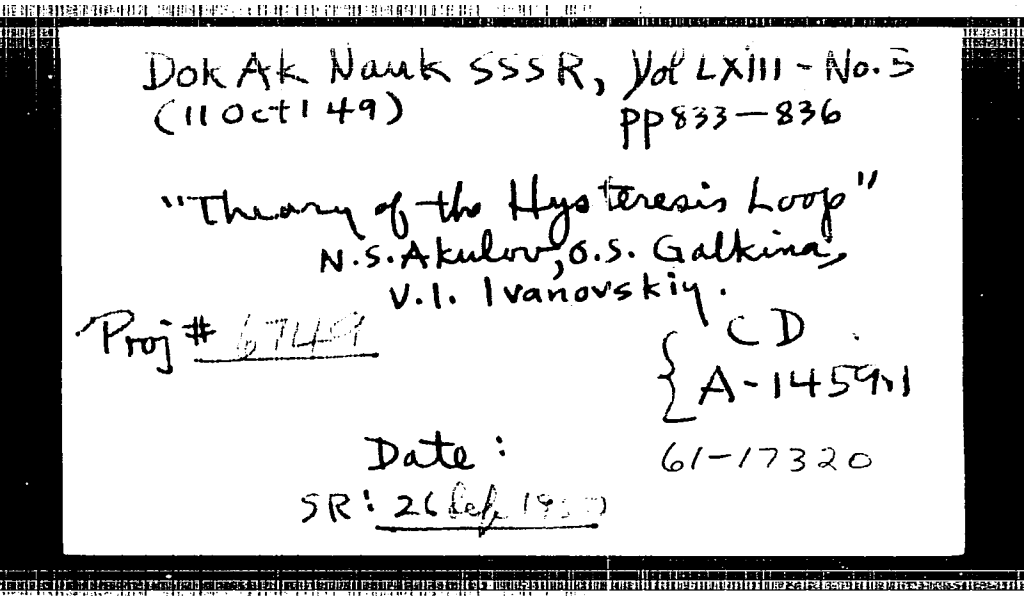
Sci - Geophys

Aug 60

123,876

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7



Dok Ak Nauk SSSR, Vol LXIII - No. 5
(11 Oct 149) pp 833 – 836

"Theory of the Hysteresis Loop"
N.S. Akulov, O.S. Galkina,
V.I. Ivanovskiy.

Proj # 67149

{ CD
A-145911

Date: 61-17320

SR: 26 Sep 19[illegible]

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

Calculation of the Solidification Rate of a Metallic Ingot, by B. Ya. Lyubov.

Full translation.

RUSSIAN, Dok Ak Nauk, Vol 68, No 5, pp 847-850, 1949.

Aluminium Laboratories, LTD Tr No B-TM-105-52 OT/439

Scientific - Metallurgy

Index Aeronautics, March 1953

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

Ketone Groups in the Oxidized Cellulose Molecule, by E. D. Kaverzneva, 4 pp.

RUSSIAN, thrice-mo per, Dok ... Nauk SSSR, Vol LXVIII, No 5, 1949, pp 865-867. 9212595

CIA/FDD/X-1211
PL 480

Scientific - Chemistry
CTS/DEX

9884

OTS-63-11012

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

Yurkevich, I. A.
PROPERTIES OF THE ORGANIC MATTER IN SEDIMENTS. 8p. 7 refs. MTWL: 267.
Order from OTS or ETC $1.55 61-17880

Trans. of Akademiya Nauk SSSR. Doklady, 1949, v. 68, no. 5, p. 881-884.

DESCRIPTORS: Sedimentation, Geochemistry, *Mineral oils, Sources, *Organic materials.

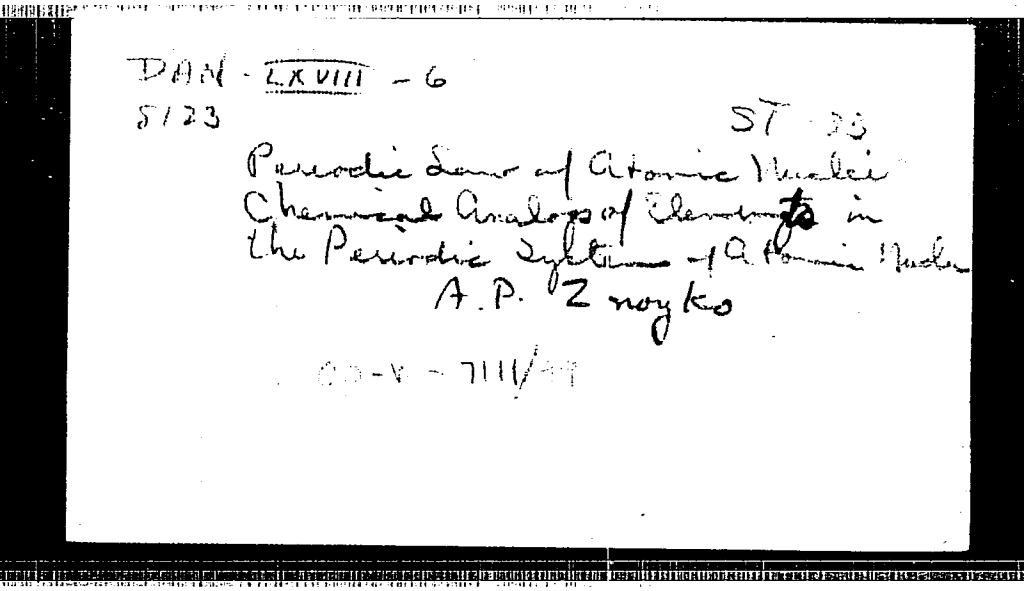
61-17880

I. Yurkevich, I. A.
II. MTWL-267
III. Stichting Moeilijk Toegankelijke Wetenschappelijke Literatuur

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7



DAN - LXVIII - 6
5123

ST - 23

Periodic Law of Atomic Nuclei
Chemical Analogs of Elements in
the Periodic System of Atomic Nuclei
A.P. Zinyuk

[illegible]

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

Growth and Development of Tree Species on Soils With Mineral Fertilizers, by V. F. Valikova-Kanda Kova

RUSSIAN, per, Akad Nauk SSSR Dok, Vol LXVIII No 5 Oct 1949, pp 945-948. CIA D 432329

USDA

Scientific - Biology

32,677

32810

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

On the Ionization of the Chromosphere and Prominences
by I. S. Shklovskiy, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXVIII, No 6
1949, pp 1009-1011.

ATIC MCL-79/III

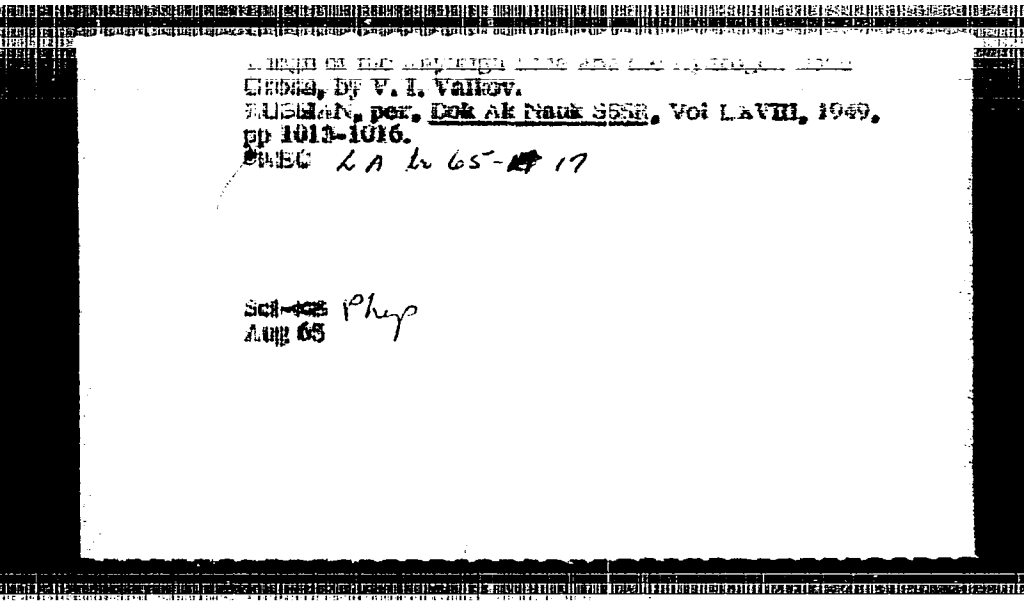
Sci - Geophys

Oct 60

128,124

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7



Cerbia, by V. I. Vallov.
Russian, per. Dok Ak Nauk SSSR, Vol LXVIII, 1949,
pp 1013-1016.
USSR LA Lr 65-AP 17

Sci-Gen Phys
Aug 65

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

Anomalous Diffraction Effects on X-Ray Photographs of Ageing Polycrystalline Alloys, by A. M. Elistratov,

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXVIII, No 6, 1949, pp 1017-1020.

Ins

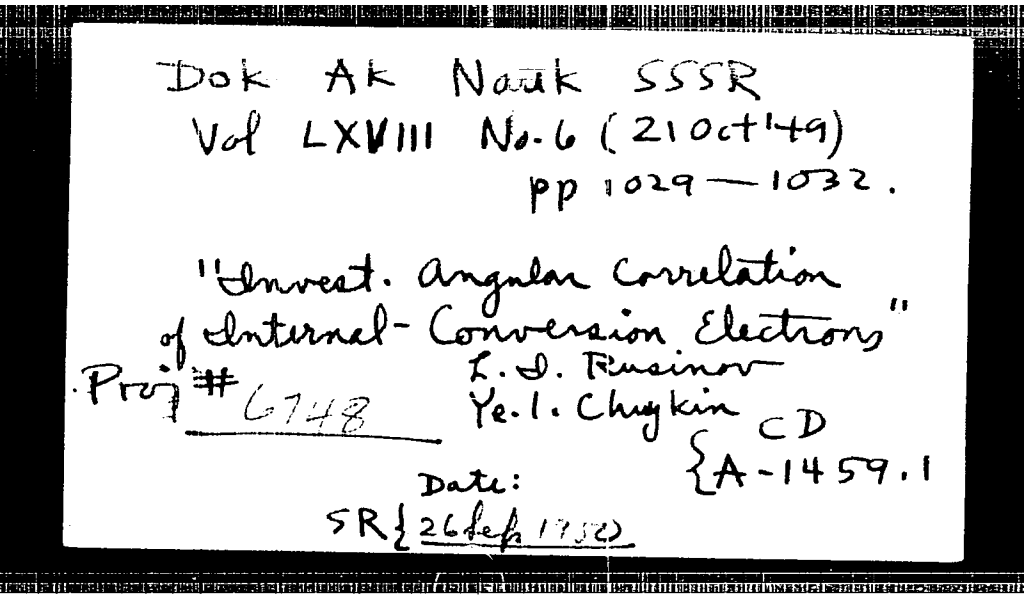
Gas Fulmer Research Institute, No 4

11,010

Scientific - Physics

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7



Dok Ak Nauk SSSR
Vol LXVIII No. 6 (21 Oct '49)
pp 1029 — 1032.

"Invest. Angular Correlation of Internal-Conversion Electrons"
L. D. Rusinov
Ye. I. Chuykin CD
{A-1459.1

Proj # 6748

Date:
SR {26 Feb 1952

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

A New Criterion of Brittleness and Plasticity of Metals, by G. V. Uzhik.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXVIII, No 6, 1949, pp 1037-1039.

Brutcher Tr
No 2907

Scientific - Min/Metals Jan 55 CTS/DEX

20,888

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

Dipole Moments of Cyclic Carbonic Acid Esters, by B. A. Arbuzov, T. G. Shavsha
RUSSIAN, per, Doklady Akademiy Nauk USSR
vol. 68, 1949, pp. 1045-1048.
Tr. no 61, Oct 1969
AIR/AFCRL/69-0466

Sci/chem
Mar 70

403,286

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

Geothermal Anomalies of the Emba Salt Domes, by
M. F. ~~MXXK~~ Belyakov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXVIII, No 6,
~~XXX~~ 1949, pp 1079-1080.

~~XXXXX~~

Dept of Interior
QE3 E57 No 95

215,915

OTS 62-32151

Sci - Geophys
Oct 62

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

A Study of Paramagnetic Susceptibility of Alloys of Transition Metals Containing Tellurium, by XXXX F. M. Gal'perin, T. M. Perekalina.

Full translation.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXIX, No 1, USSR, 1949, pp 19-22.

AEC Tr 1373

Scientific - Minerals, Metals, Alloys, Tellurium

Sep 52 CTS/DSX

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

Absorption of Light by the Centers of the Latent Photographic Image, by P. V. Meyksyar, 7 pp.

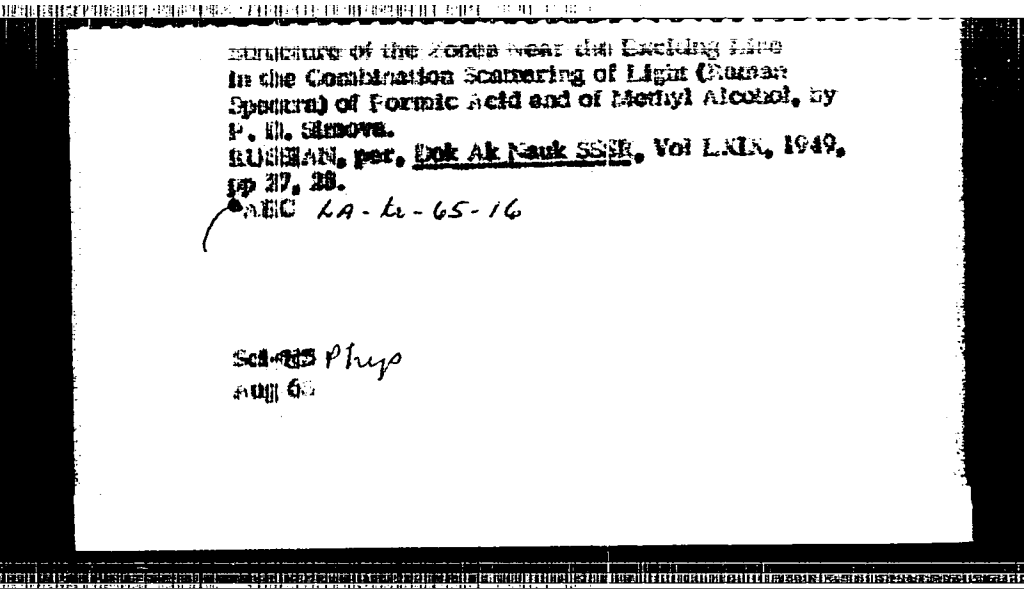
RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXIX, No 1, 1949, pp 23-26.

CIA/FDD/K-1272

Scientific - Chemistry 10,811
CIS/DEX

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7



Structure of the Zones near the Exciting Line in the Combination Scattering of Light (Raman Spectra) of Formic Acid and of Methyl Alcohol, by P. A. Shirova.
RUSSIAN, per. Dok Ak Nauk SSSR, Vol LXIX, 1949, pp 27, 28.
AEC LA-tr-65-16

Sci-MS Phys
Aug 65

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

Apparent, partial and "Molar" Magnitudes During the Change of a Property of a Solution According to the Generalized Rule of Mixture by M. A. Reshetnikov

RUSSIAN, Dok Ak Nauk SSSR, Vol 69, No 1, 1949, pp 45-48

Sci Museum Lib No 50/3391

Scientific

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

Photochemical Changes of Proteins, Aminoacids, and Nucleic Acids Under the Action of Ultraviolet ~~Rxxxx~~ Rays, by M. P. Bukhman, S. E. Manoilov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXIX, No 1, 1949, pp 49-53.

AEC Tr 503
Sci Mu Lib No 50/2970

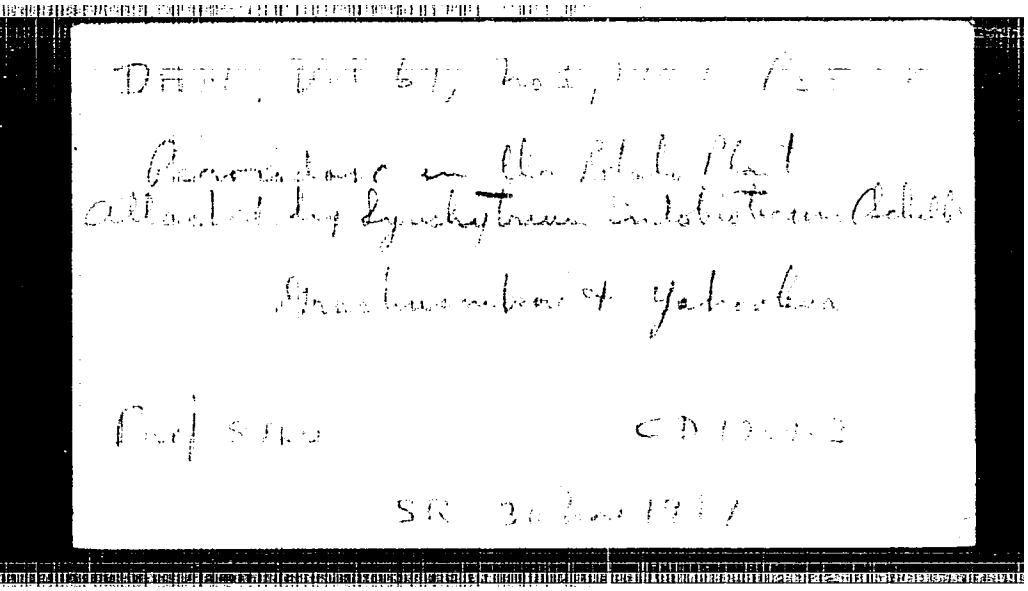
Sci - Chem

NLL AL 4523

Jul 1951 CTS

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7



APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

Variation of Root Potential of Wheat Shoots Depending on the p_H of the Medium, by S. N. Aleshin, M. T. Kastrebov.

Full translation.

RUSSIAN, no per, Dok Ak Nauk SSSR, Vol LXXI, USSR, 1949, pp 85-88.

AEC Tr 1494

Scientific - Biology, root, wheat shoots

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

"The Brightness of the Zodiacal Band and the Total Mass of Asteroidal Matter, by V. G. Fesenkov, 6 pp.

Full tr

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXIX, N No 2, 1949, pp 149-xx 152.

ATIC-F-TS-8859/III

37,955

Scientific - Astronomy
CRS/Dex
Aug 56

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

On the Propagation of Sound in an Underwater Sound Channel, by L. M. Brekhovskikh, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXIX, No 2, 1949, pp 157-160.

U.S. Fish and Wildlife Service

Sci

Dec 63

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

Theory of Superfluidity and ~~K~~Critical Velocity in Helium II, by V. L. Ginzburg

RUSSIAN, thrice-~~mo per,~~ Dok Ak Nauk SSSR, Vol LXIX, No 2, 1949, pp 161-164.

DSIR LLU (Lond.) M.235
address:

SLA 59-11126

Sci Mus Lib 50/1340 DSIR Sterling Lib Unit
AEC - 204 20 Chesterfield
London W.1.
10,977

Scientific - ~~Mathematics~~ Physics
CTS/DEX

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

DAN, 69, No 2 169-171

" The Periodic System of Atomic Nuclei. Isotopes at the End of the Periodic System "

Proj 4780 NED Reg.

SR 9 May 1950

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

JASA Vol 69, #2 pp 175-176 (1949)

New Phenomena in Hydroacoustics

L. D. Rozenberg

Navy D. 184/ONI A-409

ANL AEC Tr 473

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

DAN SSSR, LXIX, No. 2, 11 Nov 49 pp. 217-8

THE INFLUENCE OF THE WALLS OF CONTAINERS ON CHEMICAL REACTIONS

POLYAKOV, M. V.

Proj. 4366
(part of) CB ST-24

SR

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

On the Specific Antigen Of Human Leukemia by
L.A. Zilber and V.A. Parnes.

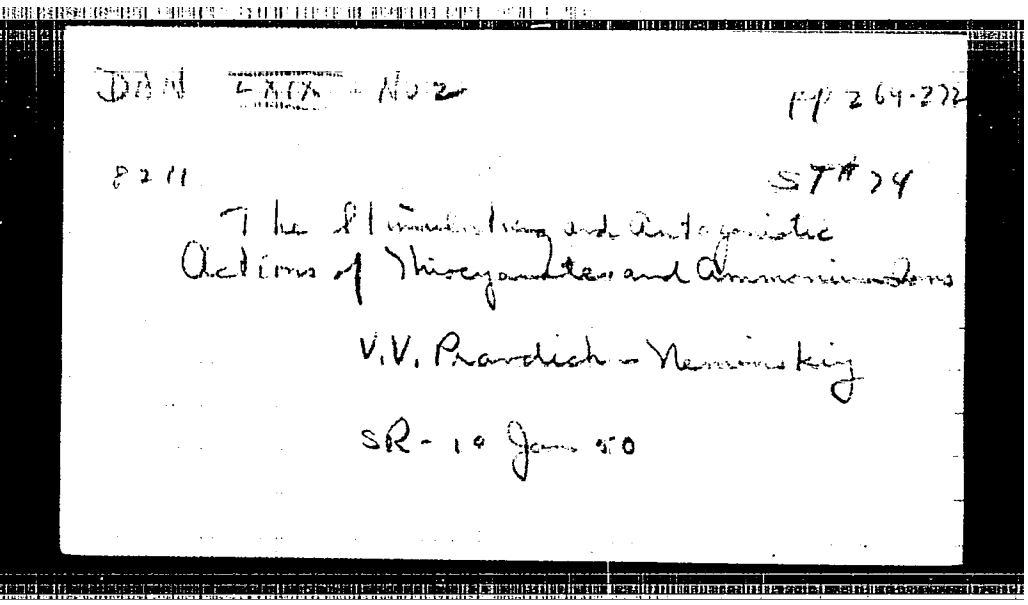
RUSSIAN, per, Akademiya Nauk SSSR Doklady, Vol LXIX, 1949, pp 257-260.

CSIRO

Oct. 62

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7



APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

Magnetic Viscosity and the Role of Boundary Displacement Between Domains in the Process of Reverse Magnetizing of Highly Coercive Alloys, by N. Bulgakov, E. Kondorskiy.

RUSSIAN, thrice mo per, Dok Ak Nauk SSSR, Vol LXIX, No 3, 1949, PP 325-328.

AEC Tr 231

Scientific - Physics

16,746

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

DHN Vol LXIX, # 3 p 329-32 v (1949)

Statistical Theory of Place Transformations of the First Order

B. T. Bennikman

Avail @ Brookhaven
AEC tr — 226
Jul, 1950

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

A Method for the ~~Ex~~ X-Ray Investigation of Structural Changes in Ageing Coarse-grained Polycrystalline Alloys, by A. M. Elistratov,

RUSSIAN, thrice-mo per, Dok Ak Nauk, SSSR, Vol LXIX, No 3, 1949, pp 337-340.

Fulmer Research Institute No 2

11,011

Scientific - Physics

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

Change in the Volume of Tin on Superconducting Transition in the Magnetic Field, by B. G. Lazarev, A. I. Sudovtsov.

Full translation.

RUSSIAN, Per, Dok Ak Nauk SSSR, Vol. LXIX, No 3, 1949, pp 345-347.

AEC Tr 1398

USSR
Scientific - Physics, Tin, magnetic field

Oct 52 CTS/DEX

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

Width of Energy Levels of an Atom With a High Principal Quantum Number, by O. B. Firsov, 5 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXIX, No 3, 1949, pp 357-359.
AID Report T-64-18

Sci - Phys
Apr 64

256,934

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

Species Composition and New Species of Wheat, by P. M. Zhukovsky.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXIX, 1949, pp 261-263.

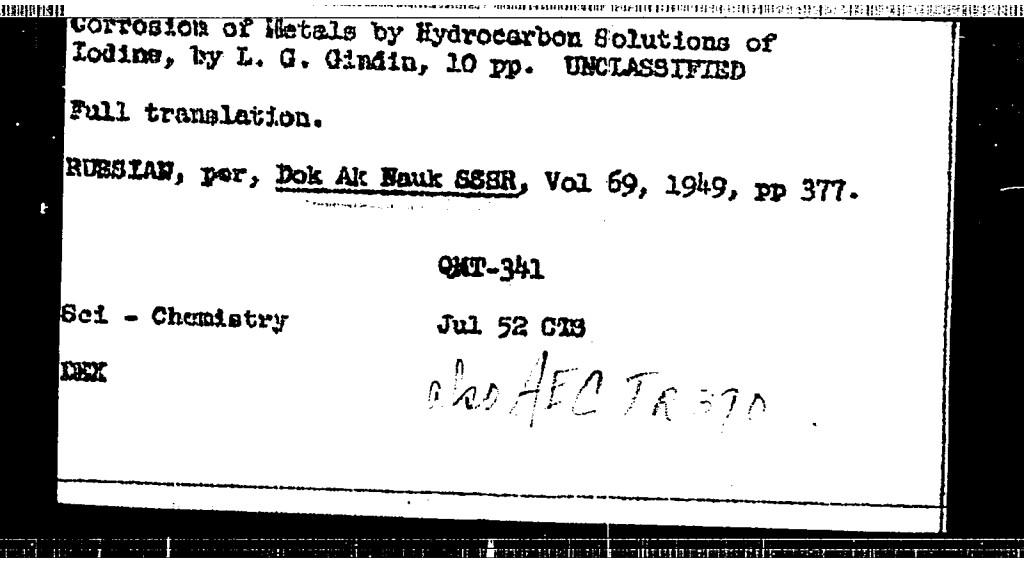
CSIRO

Sci - Biol
Apr 62

190,376

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7



Corrosion of Metals by Hydrocarbon Solutions of Iodine, by L. G. Gindin, 10 pp. UNCLASSIFIED

Full translation.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 69, 1949, pp 377.

QMT-341

Sci - Chemistry Jul 52 CIS

DEK

also AEC TR-370

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

The Interpretation of Calcium and Hydrogen Spectroheliograms, by E. R. Mustel', 8 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXII, No 1, 1952, pp 21-24.

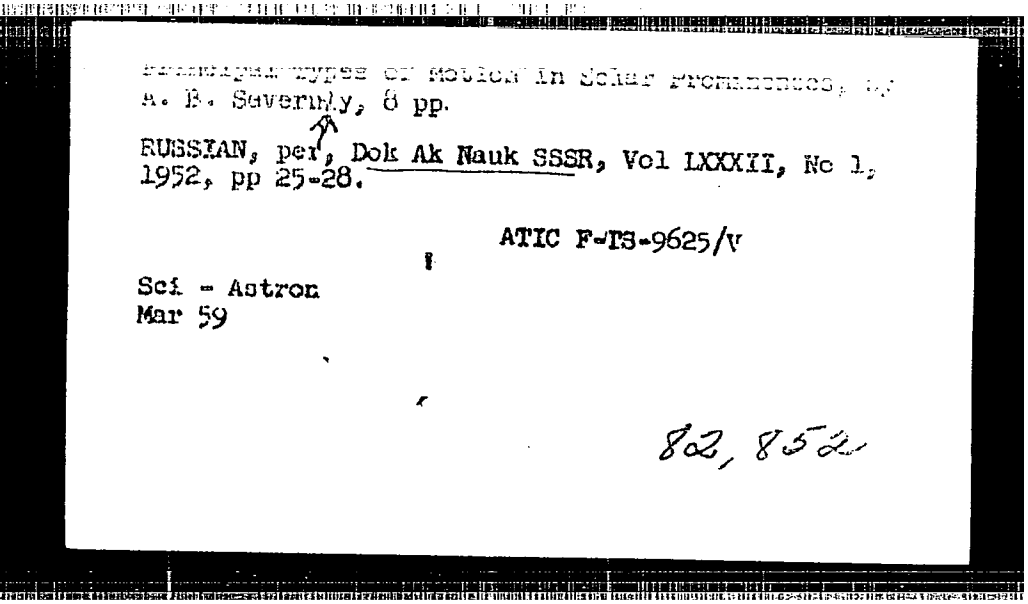
ATIC F-TS-9625/V

Sci - Astron
Mar 59

82,851

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7



Peculiar types of Motion in Solar Prominences, by A. B. Severnyy, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXII, No 1, 1952, pp 25-28.

ATIC F-TS-9625/V

Sci - Astron
Mar 59

82, 852

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030013-7